



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

MAY 10 2000

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 9689  
(FIFTH REVISION)

EXPIRATION DATE: March 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Air Products and Chemicals, Inc.  
Allentown, Pennsylvania  
  
(See Appendix A for list of additional grantees)
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain dense or heavy materials such as toluene diisocyanate, and other hazardous materials not exceeding 12.09 pounds per gallon, to be secured against movement in a freight container or transport vehicle by the use of fabric restraint dunnage system when shipped by cargo vessel. This exemption provides no relief from any Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.203(a), 176.76(a)(4) and 172.301(c).
5. BASIS: This exemption is based on the application of Air Products and Chemicals, Inc. dated April 12, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
All hazardous materials having a density of 12.09 pounds per gallon or less (Specific Gravity: 1.45) and which are authorized to be packaged in DOT Specification or Exemption drums made of a metal or plastic and have a capacity of 55 gallons.	As appro- priate	As appro- priate	As appro- priate

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are drums, authorized for the material being shipped, made of metal or plastic and of 55 gallon capacity. Drums, when transported in a freight container or transport vehicle, must be securely restrained from movement by a fabric restraint dunnage system as described in Olin Corporation's letter of October 22, 1986. The fabric restraint dunnage system must be installed properly in conformance with the manufacturers' printed instructions submitted with Olin's application of October 22, 1986.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. Air Products and Chemical, Inc. must ensure that the person who installs the fabric restraint dunnaging system has a copy of the manufacturers' printed instructions referred to in Paragraph 7.

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9. MODES OF TRANSPORTATION AUTHORIZED: Cargo vessel.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this exemption.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



*for* Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety

MAY 10 2000  
(DATE)

Address all inquiries to: Associate Administrator for  
Hazardous Materials Safety, Research and Special Programs  
Administration, Department of Transportation, Washington, D.C.  
20590.  
Attention: DHM-31.

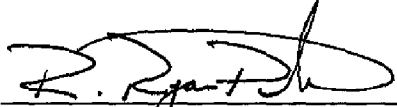
The original of this exemption is on file at the above office.  
Photo reproductions and legible reductions of this exemption  
are permitted. Any alteration of this exemption is  
prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S.  
Department of Transportation, 400 7th Street, Washington, DC  
20590-0001, Attention: Docket Section, 202-366-5046.

po:sdC

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
American Trade & Technology, Inc., McLean, VA	4/27/01	APR 27 2001	3/31/02
ANGUS Chemical Company Buffalo Grove, IL	3/24/00	4/11/00	3/31/02
Bayer Corporation Pittsburgh, PA	6/5/00	6/27/00	3/31/02
Lyondell Chemical Company, Houston, TX (formerly grantee: Lyondell Chemical Worldwide, Inc.) Newtown Square, PA	4/24/00	5/10/00	3/31/02
Zeneca Ag Products, Inc. Wilmington, DE	8/15/00	9/14/2000	3/31/02

  
for Robert A. McGuire  
Associate Administrator  
for Hazardous Materials Safety